

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>				
				Application Number				
				To Be Assigned				
				Filing Date	Concurrent Herewith			
				First Named Inventor	Bentley et al.			
Group Art Unit								
Examiner Name								
Sheet	1	of	3	Attorney Docket Number 034848/268660				
<b>U. S. PATENT DOCUMENTS</b>								
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear		
		Number	Kind Code <sup>2</sup> (if known)					
	1	5,932,462		Harris et al.	08/03/1999			
	2	5,681,811		Ekwuribe	10/28/1997			
	3	6,024,977		Yatvin et al.	02/2000			
	4	4,179,337		Davis et al.	12/18/1979			
	5	4,462,941		Lee et al.	07/31/1984			
	6	4,468,383		Rodbard et al.	08/28/1984			
	7	4,684,624		Hosobuchi et al.	08/04/1987			
	8	4,902,505		Pardridge et al.	02/20/1990			
	9	5,017,689		Hruby et al.	05/21/1991			
	10	5,326,751		Haaseth et al.	07/05/1994			
	11	5,442,043		Fukuta et al.	08/15/1995			
	12	5,629,384		Veronese et al.	05/13/1997			
	13	5,631,322		Veronese et al.	05/20/1997			
	14	5,833,988		Friden	11/10/1998			
	15	5,932,462		Harris et al.	08/03/1999			
<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code (if known) <sup>5</sup>				
	16	WO	95/00162	A	Enzon, Inc.	01/05/1995		
	17	WO	91/16929	A	Novo Nordisk	11/14/1991		
	18	WO	00/78302	A1	Protein Delivery, Inc.	12/28/2000		
	19	WO	01/12230	A1	Park et al.	02/22/2001		
Examiner Signature						Date Considered	8/2/06	

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

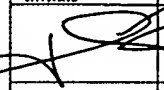

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup> Applicant is to place an "X" here if English language Translation is attached.



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				Examiner Name	
Sheet	3	of	3	Attorney Docket Number	034848/268660

<b>NON PATENT LITERATURE DOCUMENTS</b>
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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	25	Witt et al., "Pharmacodynamic and Pharmacokinetic Characterization of Poly(Ethylene Glycol) Conjugation of Met-Enkephalin Analog [D-Pen <sup>2</sup> , D-Pen <sup>5</sup> ]-enkephalin (DPDPE)," <i>Journal of Pharmacology and Experimental Therapeutics</i> , vol. 298, no. 2, August, 2001; pages 848-856	
	26	Kurihara, A. et al., "Epidermal Growth Factor Radiopharmaceuticals: 111In Chelation, Conjugation to a Blood Brain Barrier Delivery Vector via a Biotin-Polyethylene Linker,...", <i>Bioconjugate Chem.</i> , vol. 10, pp. 502-511, May 17, 1995	
	27	Patel D. et al., "Peptide Targeting and Delivery across the Blood-Brain Barrier Utilizing Synthetic Triglyceride Esters: Design, Synthesis and Bioactivity," <i>Bioconjugate Chem.</i> , vol. 8, pp. 434-441 (1997)	
	28	Pardridge, "Physiologic-bases strategies for protein drug delivery to the brain," <i>Journal of Controlled Release</i> , 39 pp. 281-286 (1996)	
	29	Brownlees et al., "Peptidases, Peptides, and the Mammalian Blood-Brain Barrier," <i>Journal of Neurochemistry</i> , Vol. 60, No. 3, pp. 793-803 (1993)	
	30	Friden, "Utilization of an endogenous cellular transport system for the delivery of therapeutics across the blood-brain barrier," <i>Journal of Controlled Release</i> , 46, pp. 117-128 (1996)	
	31	Pardridge et al., "Combined Use of Carboxyl-Directed Protein Pegylation and Vector-Mediated Blood-Brain Barrier Drug Delivery System Optimizes Brain Uptake of Brain-Derived Neurotrophic Factor Following Intravenous Administration," <i>Pharmaceutical Research</i> , Vol. 15, No. 4, pp. 576-582 (1998)	
	32	Kawasaki et al., "Amino Acids and Peptides. XIX. Preparation of Enkephalin-Poly(Ethylene Glycol) Hybrid and Evaluation of Its Analgesic Activity," <i>Chem. Pharm. Bull.</i> , 41(11) pp 2053-2054 (1993)	
	33	Maeda et al., "Amino Acids and Peptides. XXII. Preparation and Antinociceptive Effect of [D-Ala <sup>2</sup> ]Leu-Enkephalin-Poly(Ethylene Glycol) Hybrid," <i>Chem. Pharm. Bull.</i> , 17(6) pp 823-825 (1994)	
	34	Williams et al., "Passage of a $\delta$ -Opioid Receptor Selective Enkephalin, [D-Penicillamine <sup>2-5</sup> ] Enkephalin, Across the Blood-Brain and the Blood-Cerebrospinal Fluid Barriers," <i>J. of Neurochemistry</i> , vol. 66, No. 3, pp. 1289-1299 (1996)	
	35	Zalipsky, "Chemistry of polyethylene glycol conjugates with biologically active molecules," <i>Advanced Drug Delivery Review</i> , 16, pp. 157-182 (1995)	
	36	Zalipsky et al., "Copolymers of Lysine and Polyethylene Glycol: A New Family of Functionalized Drug Carriers," <i>Bioconjugate Chem.</i> , Vol. 4, No. 1, pp. 54-62 (1993)	
	37	Hruby et al., "Recent Developments in the Design of Receptor Specific Opioid Peptides," <i>Medicinal Research Review</i> , Vol. 9, No. 3, pp. 343-401 (1989)	
			

Examiner Signature		Date Considered	8/2/06
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